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C09K 19/60 G02F 1/13 H05B 33/14

TITLE

: BENZOTHIADIAZOLE DERIVATIVE,

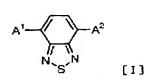
LIQUID CRYSTAL COMPOSITION,

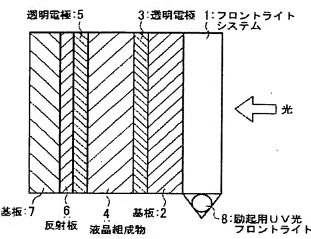
WAVELENGTH-CONVERTING

ELEMENT, ELECTROLUMINESCENT ELEMENT, ELECTRIC CHARGE

TRANSPORTATION MATERIAL AND PHOTOELECTRIC TRANSFER

ELEMENT





ABSTRACT :

PROBLEM TO BE SOLVED: To provide a new fluorescent benzothiadiazole derivative exhibiting high dichroism and solubility and useful for various elements such as display elements, e.g. liquid crystal elements or electroluminescent elements, wavelengthconverting elements or photoelectric transfer elements, a liquid crystal composition using the derivative and various elements.

SOLUTION: The benzothiadiazole is represented by the general formula (I) (A¹ and A² are each independently phenyl group, an alkoxyphenyl group or the like). The liquid crystal composition is obtained by using the benzothiadiazole derivative. The liquid crystal display element, the wavelength- converting element, the electroluminescent element, the electric charge transportation material and the photoelectric transfer element are also provided.

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